

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 03/05915

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01R13/648 H01R13/453

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 167 516 A (H.-C. TAN ET AL) 1 December 1992 (1992-12-01) column 3, line 27 - line 55	8-11
A	column 4, line 17 - line 46 column 5, line 47 - line 65; figures 2A-4	1-4
A	US 6 305 955 B1 (T.B. BILLMAN) 23 October 2001 (2001-10-23) column 3, line 22 - line 45; figures 1-4	1,8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the International search

24 June 2003

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09/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Alexatos, G

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5167516	A	01-12-1992	NONE	
US 6305955	B1	23-10-2001	CN 2479714 U TW 461515 Y US 2001049214 A1	27-02-2002 21-10-2001 06-12-2001